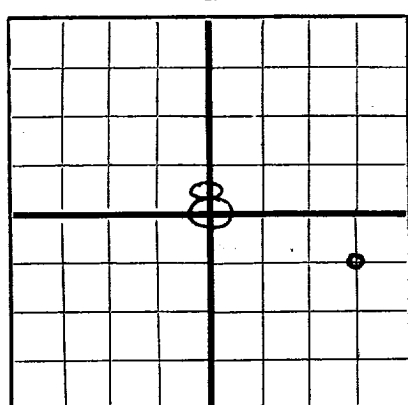


DUPLICATE

RECEIVED
FEB 9 1948
HOBBS OFFICENEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

R. Olsen Oil Co. 2811 Apco Tower Oklahoma City, Okla.
Company or Operator Address
Clift Well No. 2 in CNeSe of Sec. 8, T. 23 S
Lease
R. 37 E N. M. P. M. Cooper-Jal Field, Lea County.
Well is 660 feet south of the North line and 660 feet west of the East line of Northeast Cor. of Sec. 1/4
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Ben F. Harrison Address
If Government land the permittee is Address
The Lessee is Address
Drilling commenced 11/30/47 19 Drilling was completed 1/13/48 19
Name of drilling contractor Leabe and Olsen Address Jal, New Mexico.
Elevation above sea level at top of casing 3327 feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 2657-80 (Poor Pay) Yates No. 4, from to
No. 2, from 3520-40 to No. 5, from to
No. 3, from 3610-40 ? to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
9 5/8	40#	10		235	HO-CCO				Surface
7 inch	26#	8		3420	"				Oil Str.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
11 3/4	9 5/8	235	200			
8 3/4	7	3420	150			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		1000 gals	Acid	1/18/48	3420-3700	T.D. Wash Acid
		2500 gals	Acid	1/20/48	3420-3700	T.D. Treated 55

Results of shooting or chemical treatment Increased production from 15 Bbls. Oil per day to 35 Bbls. Oil per day

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3700 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 2/6/48 19
The production of the first 24 hours was 35 barrels of fluid of which 90% was oil; 10%
X production; % water; and % sediment. Gravity, Be. 41
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Joseph Wiley Driller A.L. Moyer Driller
P.W. Warnick Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 7th

day of Feb 19 48

Notary Public

My Commission expires

CLYDE E. VELL, Notary Public
In and for Lea County, N. M.
My commission expires

Jal, New Mexico 2/7/48

Place Date

Name Geologist-Engineer

Position R. Olsen Oil Co.

Representing

Address PMA 572 Jal, New Mexico

Company or Operator

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1100	1125	25	Shale red
1125	1250	125	Anhydrite white to grey (Samples Poor) Top Rusler 1125
1250	2430	1180	Salt, shale red and anhydrite Base salt 2430
2430	2490	60	Shale red
2490	2657	167	Anhydrite white to grey
2657	2680	22	Siltstone gry-green dolomitic S.S.S.
			Top Yates Zone 2657-80 (Poorly developed)
2680	2980	300	Anhydrite, shale red and thin stringers dolomite (Conglomeritic)
2980	3360	380	ditto
3360	3370	10	Shale red
3370	3390	20	Dolomite grey-tan lithographic dense
3390	3400	10	Shale red
3400	3490	90	Dolomite lgt. tan dense slightly anhydritic
3490	3540	50	Dolomite lgt.-tan trace siltstone slight show oil.
3540	3610	70	Dolomite white-tan lithographic slight odor Gas.
3610	3700 T.D.	90	ditto
Total Depth Corrected 3700 equals 3689.			

-----Coring Record-----

Core #1. 2650-63. Recovered 13/13 ft. Siltstone fine slightly anhydritic with slight show Black Oil. (Yates Section)

Core #2. 2663-80. Recovered 17/17 ft. Ditto as above.

Core #3. 2715-32. Recovered 17/17 ft. Salt, Anhydrite, and shale red interbedded. (Conglomeratic)

Drill Stem Test: 2821-3081: Open 1 Hr. Recovered 800 ft. Drilling mud.

Drill Stem Test: 3600-3640: Open 45 Min. Recovered 60 ft. Gas cut mud. Flow Pressure 150#s. Hyd. 2100#s

Ran and cemented 3420 ft. 7 inch pipe with 150 gals.

Drilled Plug and cleaned out well swabbed 24 Bbls. Oil in 12 Hrs. 1/10/48

Acidized with 1000 gals. wash acid 1/18/48

Acidized with 2500 gals 15% from 3510-3640. Last 500 gals acid started to break. 400 #s on tubing and 700#s on casing.

Well now making an average of 30 Bbls. Oil per day and 2.5 Bbls. water flowing by heads about every 4 Hrs. thru 2 1/2 inch tubing on 1/32 nd choke.

15
84
2200
2100